Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Tuesday 09 May 2023 until 23:59 on Wednesday 10 May 2023

Forecast Issued on Monday 08 May 2023 at 15:44

Confidence: High confidence for a changeable and showery week ahead, although lower confidence in regards to timing and intensity of showers, these possibly thundery at times, with the risk of hail. Confidence increasing to a change to more settled conditions by end of the week.

Headline for Tuesday 09 May 2023: A day of sunshine and showers, these will be heavy and thundery at times. Risk of hail.

Mountain weather hazards on Tuesday 09 May 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms Medium Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Medium Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Drizzle	Drizzle	Fog	Cloudy	Heavy rain showers	Heavy rain showers	Sunny intervals	Partly cloudy (night)
Precipitation probability							
40%	40%	30%	30%	40%	40%	10%	10%

Forecast for Tuesday 09 May 2023

Weather: A rather cloudy start, with some patchy drizzle overnight and early morning. Brightening up to a mixture of sunshine and showers from mid-morning, these will be locally heavy, with the risk of thunder and hail. Any showers will gradually decay and fade by the evening, with some clear spells developing.

Chance of cloud-free hill tops above 600m: 20% during the morning, improving to 80%, with brief deteorations in heavy showers, especially in the afternoon.

Low cloud and visibility: Extensive low cloud, with bases down to 400-500m overnight and early morning, lifting to above the summits from mid-morning. Poor or very poor visibility in early low cloud and drizzle, becoming mostly good or very good, but temporarily poor in heavy showers during the day.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Mountain Weather Forecast

Forecast for Tuesday 09 May 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	14/19 SW	13/17 SW	10/14 W	13/18 W	15/21 W	15/21 W	14/19 W	11/17 W	12/18 W
300	9/16 SW	9/15 SW	7/10 SW	10/14 W	15/21 W	12/19 W	11/18 NW	8/14 W	9/14 SW
Valley	6/16 SW	7/14 SW	4/9 SW	8/15 W	12/22 W	12/21 W	10/18 NW	5/12 W	4/11 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	9/6	9/6	9/6	10/7	10/7	11/8	10/7	7/4	6/3
300	12/10	11/9	10/9	11/9	12/10	14/11	12/10	10/8	9/6
Valley	12/11	11/10	11/10	12/10	14/12	15/13	13/11	10/8	8/7
Freezing Level*	2200m	2200m	2000m	1900m	1700m	1700m	1600m	1500m	1500m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Low cloud and drizzle will reduce visibility and make navigation diffcult at height during the morning. Care should be taken if heading out in the hills in the afternoon, with the chance of heavy and possibly thundery downpours. Risk of hail and lightning additional hazards.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Mon 08 May 2023	4.8mm	6.8mm	9.8mm

Forecast for Wednesday 10 May 2023

Weather: Early low cloud, mist and fog patches soon clearing. A good deal of bright or sunny spells and showers throughout the day, these are likely to be locally heavy, with the risk of thunder and hail possible. Any showers slowly decaying into the evening, with some clear spells developing.

Maximum wind: Westerly 15-20 mph, gusting 20-25 mph.

Chance of cloud-free hill tops above 600m: 20% early morning, improving to 80% during the day, with brief deteriorations in heavy showers, especially in the afternoon.

Low cloud and visibility: Extensive low cloud, with bases down to 400-500m early morning, lifting to above the summits by mid-morning. Poor or very poor visibility in low cloud, mist and fog early morning, improving to become good or very good during the day, with brief reductions in visibility to poor in heavy showers during the day.

Temperature: **Valleys:** Plus 4 Celsius, becoming Plus 16 Celsius.
At 600m: Plus 6 Celsius, becoming Plus 8 Celsius
Freezing level: Above the summits.

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